KRIZEK, J

TECHNOLOGY

Periodicals: ELEKTROTECHNIK Vol. 14, no. 3, Mar. 1959

KRIZEK, J. Digital and analogue computers in science and technology. p. 75

Monthly List of East European Accessions (FFAI) LC, Vol. 8, No. 5, May 1959, Unclass.

KRIZEK, J.: FRANK, H.

National conference on semi-conductors in Roznov pod Radhostem. p. 598

SIABOPROUDY OBZOR (Ministerstve vscobenibe strejirenstvi, Ministerstve speju a Ceskoslovenska vedecke-technicka spelecnest, sekce elektretechnika) Praha, Czecheslovakia, Vol. 20, no. 9, Sept. 1959

Monthly List of East European Accessions (EEAI), LC. Vol. 9, no. 2, Feb. 1960

Uncl.

KRIZEK, Jaroslav

"Regulators and regulation methods in communication engineering" by G.Hassler and E.Holzer. Reviewed by Jaroslav Krizek. El tech obzor 48 no.5:281-282 My '59.

1. Ustav teorie informace an automatizace, Ceskoslovenska akademie ved.

KKIZEK, Jiri

Syndrome of tactile halluninations, "delusions of infestation". Cesk. psychiat. 48 no.1:52 F '62.

1. Paychiatricka lecebna, Horni Berkovice. (HALLUCINATIONS)

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826610019-8

L 26020-65

ACC NR AP6000077

CZ/0070/65/000/009/0276/0277 SOURCE CODE:

AUTHOR: Křížek, Milan (Gottvaldov)

ORG: National Enterprise (Národní Podnik, Gottwaldov, Svit)

TITLE: Synthetic covering materials and methods of creating porosity

SOURCE: Kozarstvi, no. 9, 1965, 276-277

TOPIC TAGS: synthetic material, clothing, porosity

ADSTRACT: The article reviews data drawn from foreign (non-Czech) literature on the research which has been in progress and is being done to develop synthetic materials for the tops (coverings, trimmings) of shoes, and discusses the properties, advantages and drawbacks of certain brand name materials, some of them almost indistinguishable from natural tanned hides and leather produced in the USA and elsewhere. Various approaches to the solution of the outstanding problems in developing a suitable synthetic material for shoes are discussed.

SUB CODE: 11.05/

SUBM DATE: none

KRIZEK, Milan

Corfam and its properties. Kozarstvi 14 no. 3: 80-82 Mr 164.

1. Svit National Enterprise, Gottwaldov.

KRIZEK, Milan

Symposium on rubber processing. Kozarstvi 14 no. 6:172-173 Je 164.

1. Svit National Enterprise, Gottwaldov.

Engines for the Ruling of Diffraction Gratings P. 72
(CESKOSLOVENSKY CASOPIS PRO FYSIEU Vol. 4, No. 1, Feb. 1954 - Praha, Czech.)

SO: Monthly Lint of Fast European Accessions, (EFAL), LC, Vol.4, No. 4,

April 1955, Uncl.

KRIZEK, M.

Electrostatic rotation voltmeter for measuring high-voltage direct current. p. 406

Vol. 5, no. 4, July 1955 CESKOSLOVENSKY CASOPIS PRO FYSIKU Praha, Czechoslovakia

So: Eastern European Accession Vol. 5, No. 4, 1956

Z/032/62/000/003/001/001 E073/E335

AUTHOR:

Krizek, M., Candidate of Sciences

TITLE:

A helium-liquefier operating at the Institute for

Solid-state Physics of CSAV

PERIODICAL: Strojírenství, no. 3, 1962, 231 - 232

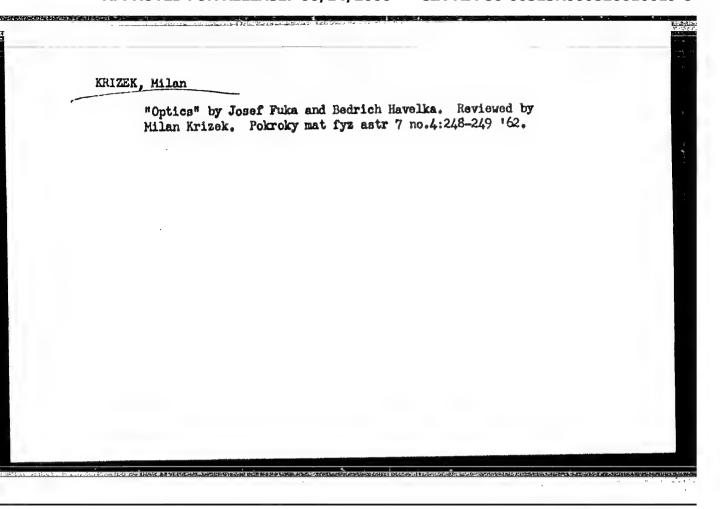
TEXT: The here described helium-liquefier is of a classical design and was manufactured by the firm, Linde; it is the 1959 model. Essentially it is a type developed by Professor Meissner during 1936-1940, using liquid air for pre-cooling of the compressed helium. Further cooling of the helium to 1 400 K is achieved by a piston-expansion mechanism so that no liquid hydrogen is required. The equipment is housed in two 3.5 x 6 m rooms. The gaseous helium is stored in flasks with an internal pressure of up to 120 atm. The equipment is suitable for European conditions and can be operated by a shade qualified person. There are 2 figures,

ASSOCIATION:

Ustav fyziky pevných latek, Praha (Institute of

Solid-state Physics, Prague)

Card 1/1



KRIZEK, M.

Pelarization of nonparallel rays of infrared radiation by reflection. Chekhosl fiz shurnal 13 no.8:596-610 163.

1. Ustav fyziky pevnych latek, Ceskoslovenska akademie ved, Praha.

KRIZEK, M.

Some variations of infrared polarizers using reflection from germanium. Chekhosl fiz zhurnal 13 no.9:683-691 *63.

1. Ustav fyziky pevnych latek, Ceskoslovenska akademie ved, Praha.

ACCESSION NR: AP3005956

Z/0055/63/013/008/0599/0610

AUTHOR: Krizek, H.

TITLE: Polarization of non-parallel rays of infra-red radiation by reflection

SOURCE: Chakhoslovatskiy fizicheskiy zhurnal, v. 13, no. 8, 1963, 599-610

TOPIC TAGS: polarization, infra-red radiation, reflection, infra-red ray, radiation, radiation purity, mirror, germanium mirror, Brewster angle, divergence angle, electromagnetic wave, refraction, refractive index, germanium

ABSTRACT: A study was made of the possibilities of polarizing strongly divergent or convergent beams of infra-red rays from the point of view of the purity of the radiation obtained, the efficiency of the process, and the required dimensions of the germanium mirrors. A polarizer was sought for studying the optical properties of solids which was suitable for use from the near to the far infra-red region, depended very little on the wave length, was able to treat divergent beams with a high degree of polarization, and at the same time had a favorable energy efficiency and good time constancy. This study was a continuation of the work of D. F. Edwards and M. J. Bruemmer (J.O.S.A. 49(1959),860), who measured the polarizing qualities of germanium in the infra-red region. The problem was Card 1/2

ACCESSION NR: AP3005956

solved by using a double reflection on germanium mirrors with different angles of incidence in the neighborhood of the Brewster angle. These arrangements were able to treat infra-red radiation in a range of 2 to 100 //, according to the quality of the germanium used. The volume of radiation of the undesirable direction of vibration could be smaller than 1% for a solid angle of the divergent beam of 20° x 70°. It was found that the efficiency of these arrangements is about 60% of the ideal value, and the use of germanium is very economical. These arrangements gave very good values for these different characteristic properties so that a solid divergence angle of almost two orders larger than in the visible region provided by a classical polarizer-- Nicol's prism-- could practically be obtained when the inlet cross-section was sufficiently small or the germanium mirrors sufficiently large. This method is suitable for all ranges of electromagnetic waves where it is possible to use a refractive index between 2.5 and 6. "The author is greatly indebted to br. J. Taus for instigating this study." Orig. art. has 21 formulas, 3 figures, and 3 tables.

ASSOCIATION: Ustav fyziky pavnych latek CSAV, Prague (Institute of Solid State Physics, CSAV)

SUBMITTED: 29Nov62 SUB_CODE: OP, SS

DATE ACQ: 26Aug63 NO REF SOV: 000

ENCL: 00 OTHER: 004

ZBORILEK, Josef; KRIZEK, Milan

Semiautomatic line for weighing, kneading, and further processing of rubber mixtures for shoemaking in the Svit National Enterprise, Gottwaldov. Kozarstvi 14 no. 4:100-106 Ap 164.

1. Svit National Enterprise, Gottwaldov.

Continuous kneeding of rubber a xtures. Kozerstvi 14 no.10:360-303, 304 0 *64.

1. Svit National Enterprise, Gottwalfov.

KRIZEK, Milan

Swiss shoe industry. Kozarstvi 14 no.11:336 N '64.

1. Svit National Enterprise, Gottwaldov.

H-17

CZECHOSLOV/KI//Chemical Technology. Chemical Products and Their Applications. Pharmacouticals. Vitamins. Anti-

Abs Jour: Rof Zhur-Khiniya, No 7, 1959, 24485

Author Hodinar, F., Picha, Z., Kraus, A., Krizek, P.

Inst

Title Manufacturing Control and Clinical Tests on Czechoslovakian Streptonycin.

Orig Pub : Ceskosl. farmac., 1957, 6, No 6, 329-330

Abstract : No abstract.

Card : 1/1

KRIZEK, V.

Tube-type walls of boilers. p. 900. STROJIRENSTVI, Prague, Vol. 4, no. 12, Dec. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6, June 1956, Uncl.

KRIZEK, V.

"Liquid metals, heat exchange mediums of the future." p. 664.

STROJIRENSTVI. (MINISTERSTVO TEZKEHO STROJIRENSTVI, MINISTERSTVO PRESNEHO STROJIRENSTVI A MINISTERSTVO AUTOMOBILOVEHO PRUMYSLU A ZEMPDELSKYCH STROJU.) Praha, Czechoslovskia, Vol. 5, no. 9, Sept. 1955.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

STEPÁNEK, P; KMZEK, V.

Czochoslovakia

hes_arch Institute for Physiatry, Balneology and
Climatology -- Marienbad (Výzkumý ústav pro
fyziatrii, balneologii q klimatologii -- Hariáneké
Lainé); Director: K. Phenovski, Prof. Dr. -- (for all)

Prague, Fyziatrický věstník, No. 5, 1962, pp 271-275

"Investigating Problems in the Treatment of Obesity
by Physiatric Methods."

10

8/081/62/000/005/100/112 B166/B101

AUTHORS:

Spurnik, Vladimir, Svodoba, Jiri, Krizek, Vladimir

TITLE:

Plasticizers for polyvinyl butyral

PERIODICAL: Referativnyy shurnal. Khimiya, no. 5, 1962, 608, abstract 5P35 (Kaubuk a plast. hmoty, no. 3, 1961, 98-100)

TEXT: In order to establish the possibility of replacing plasticizer type Flexol 30H by dibutyl sebacate a study has been made of the solvation rate, the degree of sweating with different plasticizer contents, the deformation at normal and elevated temperatures, and the adhesion to glass of polyvinyl butyral films. It was established that dibutyl sebacate is not suitable as a plasticizer for polyvinyl butyral, since with a content of 30% it sweats, and with a content of 18% the polywinyl butyral film is not sufficiently elastic and is less frostproof than films plasticized with Flexol 3GH. Abstracter's note: Complete: translation. 1

Card 1/1

KRIZEK, V.; DURSEK, F.

Nuclear energy and world power economy in the next hundred years. p.405

EMERGETIKA. (Ministerstvo energetiky a Ceskoslovenske vedecka technicka spolecnost pro energetiku pri Ceskoslovenske akademii ved) Praha, Czechoslovakia Vol.5, no.4, Apr.1955

Monthly List of East European Accessions (EEAI) LC, Vol.8, no.11 Nov. 1959 Uncl.

KRIZEK, V.; DUBSEK, F.

Equipment for protection of electric transformers against external defects. p.409

EMERGETIKA. (Ministerstvo energetiky a Ceskoslovenske vedecka technicka spolecnost pro energetiku pri Ceskoslovenske akademii ved) Praha, Czechoslovakia Vol.5, no.4, Apri.1955

Monthly List of East European Accessions (EEAI) LC, Vol.8, no.1' Nov: 1959
Uncl.

KRIZEK, V.; DUPSEK, F.

Driving shipe by nuclear energy. p.h10

EMERGETIKA. (Ministerstvo energetiky a Ceskoslovenske vedecka technicka spolecnost pro energetiku pri Ceskoslovenske akademii ved) Praha, Czechoslovakia Vol.5, no.11, Apr. 1955

Monthly List of East European Accessions (EEAI) LC, Vol.8, no.11 Nov. 1959 Uncl.

KRIZEK, V.; DUBSEK, F.

Gas turbines in the production of electricity. p.lill

ENERGETIKA. (Ministerstvo energetiky a Ceskoslovenske vedecka technicka spolecnost pro energetiku pri Ceshoslovenske akademii ved) Fraha, Czechoslovakia Vol.5, no.4, Apr. 1955

Monthly List of East European Accessions (EEAI) LC, Vol.b, no.11, Nov. 1959, Uncl.

STEPANOE, 1.; SALVIPE, L.; KELL E. V.

I-Trificdothyronine (Tertroxin glaxo) in the treatment of chesity. Cas. lek. cesk. 103 no.42:11/0-1171 0 16 164.

1. Vyzkumny ustav pro fyziatrii, balmeologii a klimatologii v Marianskych Iaznich (reditel prof. dr. K. Prerovsky).

STEPANEK, P.; SADILEK, L.; KRIZEK, V.

Protein-anabolic steroids in the treatment of obesity. Cesk. gastroent. vys. 19 no.5:319-321 Jl 165.

l. Vyskumny ustav pro fysiatrii, balneologii a klimatologii v Mar. Laznich (reditel prof. dr. K. Prerovsky).

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826610019-8

KRIZEK, V.

Hyperuricemia and body weight. Cas. lek. Cesk. 104 no.45: 1246-1248 12 N '65.

1. Vyzkumny ustav pro fyziatrii, balneologii a klimatologii v Marianskych Laznich (reditel prof. dr. K. Prerovsky).

CZECHOSLOVAKIA UDO 616.633(:547.587.43):616-003.829.7:616.633

KRIZEK, V.; JIRKA, M.; SADILEK, L.; Research Institute for Physlatry, Balneology, and Climatology (Vyzkumny Ustav pro Fyziatrii, Balneologii a Klimatologii), Marianske Lazne, Director (Reditel) Prof Dr K. PREROVSKY; Institute for Investigation of Child Evolution, Pediatric Clinic, Charles University (Ustav Vyzkumu Vyvoje Ditete Fakulty Detskeho Lekarstvi KU), Prague, Director (Reditel) Prof Dr J. HOUSTEK.

"Contribution to the Mechanism of Excretion of Homogontisic and Gentisic Acids by Kidneys."

Prague, Casopis Lekaru Ceskych, Vol 105, No 30, 15 Jul 66, np

Abstract Authors English summary modified 7: The mechanism was investigated in 6 patients with all apatonuria. Homogentisic acid is excreted by glomerular filtration and tubular secretion and corresponds to the clearance of p-aminohippuric acid. Benemid reduces the excretion. Gentisic acid is reabsorbed by the tubules, thereby differing from the mechanism shown by homogentisic acid. Its transport through the tubular cells proceeds in the opposite direction. 4 Figures, 5 Tables, 11 Western, 15 Czech, 3 Japanese references. (Ms. rec. Mar 66).

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CZECHOSLOVAKIA

UDC 613.24-092.6

KRIZEK, Vladimir, Dr; STEPANEK, Pavol, Dr; SADILEK, Ludvik, Dr; Rosearch Institute for Physiatry, Balneology, and Climatology (Vyzkumny Ustav pro Fyziatrii, Balneologii a Klimatologii), Marianske Lazne, Director (Reditel) Prof Dr K. PREROVSKY.

"Some Changes During a Fast of Several Days in Ken."

Praguo, Vojenske Zdravotnicke Listy, Vol 36, No 1, Feb 67, pp

Abstract: Experiments were conducted on a group of 25 men who recoived no food at all for 3 days; the intake of water was not limited at all. The loss of weight averaged 3.72 kg, out of which 12.5% was active human bedy (non-fat). A great number of changes caused by starvation were determined. The water balance after 3 days was positive, diuresis was slightly reduced, the levels of uric acid, cholesterol, and lipids in the blood were increased. The subjective tolerance of the test was good.

5 Figures, 1 Table, 4 Western, 2 Czech references.

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KRIZEK, V.

- 70 cases of cystinuria. Cesk. pediat. 19 no.3:213-216 Mr*64.
- 1. Vyzkumny ustav pro fyziatrii, balneologii a klimatelegii v Marianskych Laznich; reditel: prof.dr. h.:rerovsky.

SCHKA, J.; KRIZEK, V.; STEPANEK, P.; HUCEROVA, M.; ZBIFFOVA, A.; ZDVIHAL, J.

Muscle activity and a reducing regimen. Vnitrni lek. 11 no.3: 245-261 Mr '65

1. Inborator pro endokrinologii a metabolismus, fakulta vseobecneho lekarstvi v Praze (prednosta akademik Josef Charvat);
Vyzkumny ustav pro fyziatrii, balneologii a klimatologii,
Marianske Iazne (prednosta: prof. Karel Prerovsky, Dr.Sc.) a
katedra telesne vychovy Karlovy University, Praha (vedouci:
doc. Jiri Jirousek).

CZECHOGLOVAMIA

KRIZEK, V; SADILEK, L.

Research Institute of Physiatrics, Balneology and Climatology (Vyskumny ustav pro fysiatrii, balneologii a klimatologii), Marianske Lazne (for both)

Prague, Vnitrni Lekarstvi, No 8, 1964, pp 761-763

"Alcal tonuria."

CZECTOCHOVAKIA

KRIZEK, V.

Research Institute of Physiatrics, Balneology and Climatology (Vyzkumny ustav pro fyziatrii, balneologii a klimatologii), Marianske Lazne

Prague, <u>Vnitrni Lekarstvi</u>, No 8, 1964, pp 765-767 "Cystinuria."

CIA-RDP86-00513R000826610019-8

KRIZEK, Vladimir, inz. CSc.

Highway bridge near Innsbruck in Austria. Inz stavby 12 no. 2: 75-79 F 164.

1. Stavby silmic a zeleznic, n.p., Praha.

KRIZEK, VLADIMIR

L 18836-65 ENT(4)/ENT(m)/EPF(p)-2/EWP(c)/EWP(k)/ENP(h)/EPA(bb)-2/T/EWP(1)
P(-1/PU-1 AEDC(b)/SSD
ACCESSION NR: AP4044865 Z/0038/64/000/009/0312/0322

. AUTHOR: Hulovec, Jan (Gulovets, Ya.); Juza, Jan (Yusa, Ya.); Komarek, Arnost; Koronek, Jan (Kerzhenek, Ya.); Wagner, Korol (Vagner, K.); Krizek, Vladimir (Krshishek, V.); Tomoik, Jan (Tomohik, Ya.)

TITLE: Development and construction problems of the first Csechoslovak nuclear reactor power plant 19

SOURCE: Jaderna energie, no. 9, 1964, 312-322

TOPIC TAGS: nuclear power plant, reactor, pressure vessel, power output, fuel element

ABSTRACT: This article reports on the principal scientific research which was necessary in connection with the testing of the reliability of all the important units of the first Csechoslovak nuclear electric power plant of 150-Mz power output, and the present stage of the development and production of the technological installations and of the construction of the power plant. The plant uses gas cooling and a heavy-water reactor with natural metallic uranium and is being built at the present time in the CSR. The relatively large output design of the Csechoslo-

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Avak plant has delayed construction as it has been necessary to design, construct, and test many parts of the technological installation with a view to much greater perfection than would have been the case were the plant of low-power output. More time will be required than originally planned to put the functional units and the whole plant into operation, since the unit of greater power was designed with a view to greater economy of operation, and has by far a more complicated construction than units whose main purpose is the testing and proving of design types in operation. Great attention has been given to the design and development of the fuel-element changing mechanisms; its individual units as well as the whole prototype mechanism have been functionally tested. The mechanisms of all the control rods and safety rods have been subjected to all-round, exhaustive testing on a special stand with models of the mechanisms of all scale at full operating temperature and CO2 coolant pressure. Many tests were made on models of the reactor shielding. Insamuch as the technological installations of the plant are in a developmental stage, the discussion is limited to future prospects from the point of view of technical performance figures, of which the most important is the maximum unit power that can be generated. Given the fuel element concept described

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here, it is not necessary to recken with either a sharply increased active zone height or with increased thermal power drawn from the unit volume of active zone, which is already fairly high in the first electric power plant (10 Ms/ms). It may be expected, therefore, that the 200-Ms power stage will have a pressure chamber of 6.4 m average diameter, and the 400-Ms stage a pressure chamber of 8.8 m diameter. The height of the pressure chamber would not at the same time be substantially changed. The pressure chamber of the reactor of the first electric power plant cannot be transported fully assembled. It was designed, therefore, so that it could be assembled at the plant construction site. The engineering and operation reliability of the stem generator were tested on a full-scale model of one section. Adjustable blade flow control in exhaust and scaling (packing) systems was tested on a lil scale blower model. The affect of thermal shock on the piping in the case of emergency reactor shutdown, and the possibility of using turbine units from classical electric power plants under the operating conditions prevailing in the nuclear plant in view of the high moisture content of the vapor, was investigated. Another nuclear electric power plant with a reactor of a 200-Ms unit power output is being designed and planned on the basis of the design and development experience discussed here. Increased unit power output of this type of

Card 3/4

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itself, in particular of t	he fuel element. This pro-	opt of the core of the reactor olem is now under study.
Orig. art. has: 19 figure	•	
ASSOCIATION: [Hulovec, Ju Pilsen (Lenin Plant); [Kri (First Brno Machine Build:	sa, Komarek, Korenek, Wagne sek] Prvni brnenska stroji ing Plant. Klement Gottwa	Cha. Asyndy Kiementa Uditwalus
elektraren (Nuclear Klectr	ic Power Generating Plant)	
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KRINEK, Viedimir, inz. CCC.

Spiral Highway tunnel in Norway. Inz eterby 12 no.71323-325
J1*64.

KRINER, Vladimir, inz.

Steam generators for the first Gasch stoods nuclear power plant. Energetika Cz. 14 no.7:313-325 2:164

1. Prvni brnomska strojima, av v . L. . . to Gottwalda National Interprise, Brne.

KRIZEK, V.

"Can We Solve the Problem of the Construction of Ceramic Cases?", P. 2, (TECHNICKE NOVINY, Vol. 2, No. 8, Apr. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EKAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

KRIZEK, V. - Inzenyrake Stavby - Vol. 3, no. 4, Apr. 1955.

Proceedings and resolution of the Mational Conference of Activists in Construction Engineering held March 7-8, 1955. p. 133.

Installation of a pressed-in reinforced-concrete exhaust pipe. p. 136.

SO: Monthly List of East European Accessions, (MEAL), LC, Vol. 4, No. 9, Sept. 1955, Uncl.

KRIZEE, V.

Methods for conveying a stream across a tunnel. p. 45%.

INZENYRSKE STAVEY. Praha, Czechoslovakia. Vol. 3, no. 11, Nov. 1955.

Fonthly list of East European Accessions (EFAI) LC, Vol. 9, no. 2, Feb. 1960 Uncl.

KRIZIK,V.

Concrete injections used for the insulation of underground structures. p. 141 (Inzenyrske Stavby, Vol. 5 no. 3, March 1957) Fraha

SO: Monthly List of East Encopean Accession (EEAL) LC, Vol. 6 no. 7, July 1957. Uncl.

KRITEK, Vladimir, inz., C.Sc.

Push broaching of pipelines underneath the communications. Ins stayby 10 no.8:281-288 Ag *62.

1. Stavby silnic a zeleznic, n.p., Praha.

KRIZEK V. Vysledky mereni elektricke vodivosti krevniho sera, mozkokisniho moku a tkane mozkove Results of the measurement of electrical conductivity of blood serum, cerebraspinal fluid, and cerebral tissue Biologicke Listy 1947, 28/1 (33-40) Graphs 3 Tables I

The conductivity of human bloodserum, cerebrospinal fluid, and cerebral tissue has been measured by use of sinus currents of 500 Hz with the following results:

	Temperature	Conductivity	Means	
Serum	18° 37°	1.60 -1.638 x 10 ⁻²	1.077 X 10 ⁻² 0hm ⁻¹ cm ⁻¹ 1.616 X 10 ⁻²	
Cerebrospinal fluid	18° 37°	1.31521.383 X 10-2 1.920-2.0 X 10-2	1.349 X 10 ⁻² 1.960 X 10 ⁻²	
Cerebral tissue	18° 37°		1.0 × 10 ⁻³ 1.6 × 10 ⁻³	

During protracted flow of electric current through the head of dead men exponential decrease of resistance was found. An abridged text of this paper with all graphs is published in the Journal de Radiologie et d'Electrologie 1947, 28, (5-6) 193-195.

Karasek - Prague

SO: Physiology, Biochemistry and Pharmacology, Section II, Vol. I, #1-6

KRIZEK, V.; KOLOMINSKY, J.

Thermal effect of ultrasonics in tissue. Gas. lek. cesk. 90 no.16:482-486 20 Apr 51. (CIML 20:8)

•

1. Of the Institute for Physical Medicine and Balneology of Charles University (Head--Prof. F. Lenoch, M.D.).

RUZICKA, Otakar, MUDr, lekar chir. oddeleni; KRIZKK, Vladimir, MUDr, Lekar Balneologickeho ustavu

Measurement of changes in temperature in the kidney pelvis. Cas. lek.cesk. 91 no.5:142-144 1 Feb 52.

1. Z Balneologickeho ustavu v Marianskych Laznich, prednosta: prim MUDr Josef Mates a z experimentalni lahoratore chirurgickeho oddeleni stat. fak. nemocnice odhocky v Praze III, prednosta: prim. HUDr Zdenek Vahala.

(KIDNEY FUNCTION TEST.

temperature changes in kidney pelvis, method of measurement)

(KIDNEY PELVIS, physiology,

temperature changes in funct. test, method of measure-

(TEMPERATURE

in kidney pelvis, changes in funct. test, method of measurement)

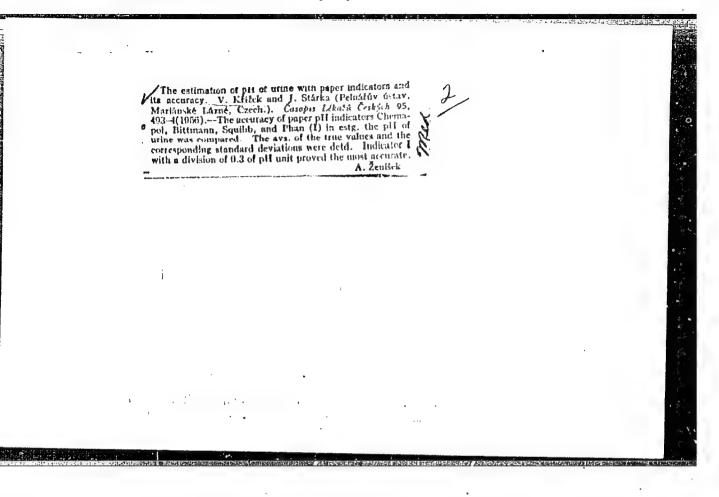
KRIZEK, V.; STARKA, J.

Determination of urine with paper indicators and their accuracy. Cas. lek. cesk. 95 no.18:493-494 54.

1. Z Pelnarova ustavu, Marianske Lazne, prednosta Dr. J. Mates.

(HYDROGEN ION CONCENTRATION,
of urine, accuracy of paper indicators. (Cs))
(URINE,

hydrogen ion concentration, accuracy of paper indicators. (Cs))



KRIZEK V

Types of nephrolithiasis in relation to the color of eyes. Shorn. lek. 58 no.8:222-224 Oct 56.

1. Vyskumny ustav lazensky v Marianskych Laznich, reditel prof. Dr. K. Prerovsky.

(KIDNEYS, calculi color of iris in various types (Cs))

(IRIS, color in various types of kidney calculi (Cs))

KRIZEK, V.

Somatic differences in various types of nephrolithiasis.
Sborn. lek. 58 no.8:215-221 Oct 56.

1. Vyskumny ustav lazensky v Marianskych Laznich, reditel prof.
Dr. K. Prerovsky.

(KIDNETS, calculi

role of body constitution, statist. (Cz))

(BODY CONSTITUTION, in various dis.

kidney calculi, statist. (Cz))

KRIZEK, Vladimir, MUDr.

Infections and membrolithicatic, Aughl, chir. 35 no.1:17-22 Feb 56.
-12 Vyskimny ustav lazensky, Freda.: Prof. Dr Frerovsky, Marianske Inche. Ustav crof. Pelnare.

(KIONEYS, calculi uith urinery tract indect., statist. (Cr))

(UPIGENT TAICE, infect.
in calculi of kidrove, statist. (Cr))

KR12EK VIAdam, or

KRIZEK, Vladimir, Dr.

Internist's viewpoint on diamox treatment of glaucoma. Cesk. ofth. 13 no.5:382 Sept 57.

1. Vyskumny ustav balneologicky, pracoviste Marianske Lasne.

(ACETAZOIAMIDE, ther. use
glaucoma, internist's point of view (Cs))

(GIAUCOMA, ther.
acetasolamide, internist's viewpoint (Cs))

Catrogel (aluminium hydroxide) in revention of shoonhete urolithiaeis.

Can. lek. cesk. 96 nc.29:920-922 kg July 57.

1. Vydrumy ustav balaeologicky, praceviste v Marianskych Laonich, red. prof. Dr K. Prerovsky.

(ANA-ACID:, ther. use aluminus hydroxide gel in prev. of urinary calculi (Cz))

(URIMARY TRICT, calculi prev. with aluminus hydroxide gel (Cz))

KRIZEK, Vladimir

Mineral metabolism in alkaptomuric urolithiasis. Cas. lek. cesk.

98 no.32-33:1028-1030 14 Aug 59

1. Vyzkumny ustav balneologicky Marianske Laine, prednosta prof. dr.

K. Prerovsky.

(ALKAPTONURIA, urine)

(URINARY CALCULI, urine)

(CALCIUM, urine)

(POTASSIUM, urine)

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826610019-8

FIRIZEK,

SUMBAME (in copu); Given Hence

Country:

Czochoslovakia

Academic Degrees: [not given]

Balneological Research Institute (Vyzkumny ustav balenologicky)
Affiliation: Marianske Lazno; Chief (Prednosta): Prof MUDr K Prerovsky

Source:

Erno, Vnitrni Lekarstvi, Vol VII, No 8, August 1961, pp 886-887

Data:

"Vorbal Association Test in the Obese"

Authors:

KRIZEK, V. KUCEROVA, M

117

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826610019-8

SURIAME (in capu); Given Nomes

Country:

Czechoslovakia

Academic Degrees:

Affiliation:

Palnoological Research Instituto (Vyzkurny ustav balneologicky)

Marianske Lazne

Source:

Praguo, <u>Fysiatricky Vestnik</u>, Vol XXXIX. No 3, June 1961, pp 177-182

Data:

"Hungarian Rheumatological Conference in Budapest, 1-3

December 1960."

Autlioral

KRIZEK V. Dr HILLVACEK, A. Dr

131

VRANESIC, Z.; KRIZEK, V.; KLAUS, E.

Neurological findings in alkaptonuria and ochronosis. Cesk. neurol. 25 no.3:192-198 My 162.

1. Vyzkumny ustav pro fyziatrii, balneologii a klimatologii v Mar. Laznich, prednosta prof. MUDr. K. Prerovsky Neurologicka klinika PU v Olomouci, prednosta clen korespondent CSAV prof. MUDr. J. Hrbek Neurologicke oddeleni Cs. statnich lazni v Marianskych Laznich, prednosta MUDr. Zd. Vranesic.

> (ALKAPTONURIA physiol) (NEUROLOGICAL MANIFESTATIONS)

JIRKA, M.; KOTAS, J.; KRIZEK, V.

Concentration of sodium, potassium and total nitrogen in perspiration from the back and axilla during thermoregulation. Cas. Lek. Cesk. 101 no.15:473-475 13 Ap *62.

1. II ustav pro chemii lekarskou KU, Praha, prednosta prof. dr. J. Sula, Ustredni laborator detske fakultni nemocnice pod Petrinem, Praha, prednosta MUDr. J. Kotas. Vyzkumny ustav balneologicky, Marianske Lezne, prednosta prof. dr. K. Prerovsky.

(SWEAT chemistry) (POTASSIUM chemistry) (SODIUM chemistry) (NITROGEN chemistry)

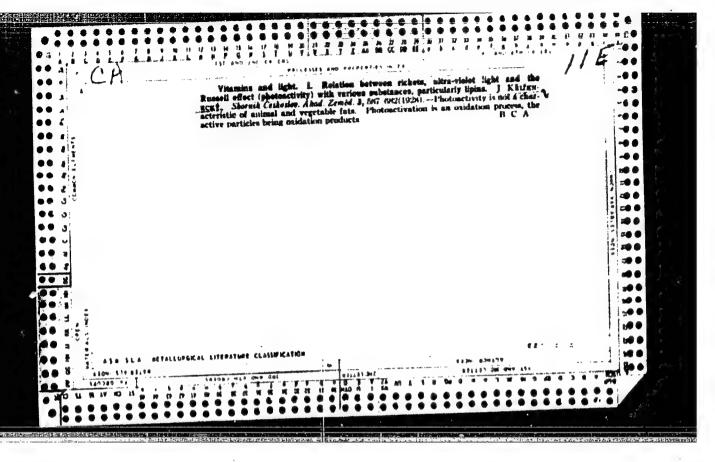
"Increase of Body Length and Weight, Growth of the Gonads, and the Sex Ratio in Perch (Perca FluvialitisL)." p. 1-35. (VESTNIK, 1951, Praha, Czechoslovakia)

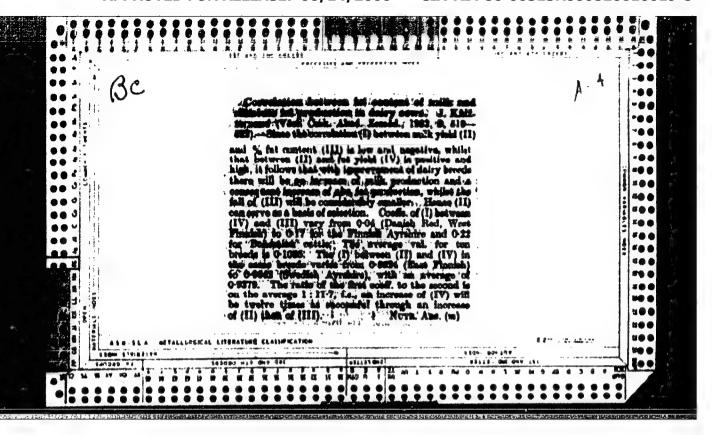
So: Monthly List of East European Accessions, LC, Vol. 3, No. 5, May 1954/Unclassified

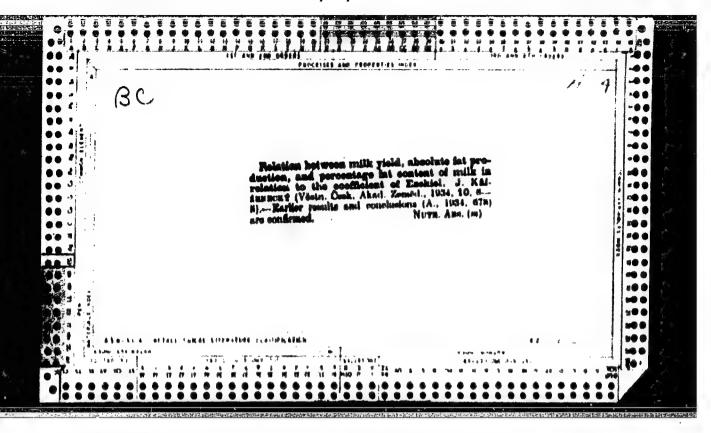
KRIZENECKY, Jan , predsedatel.

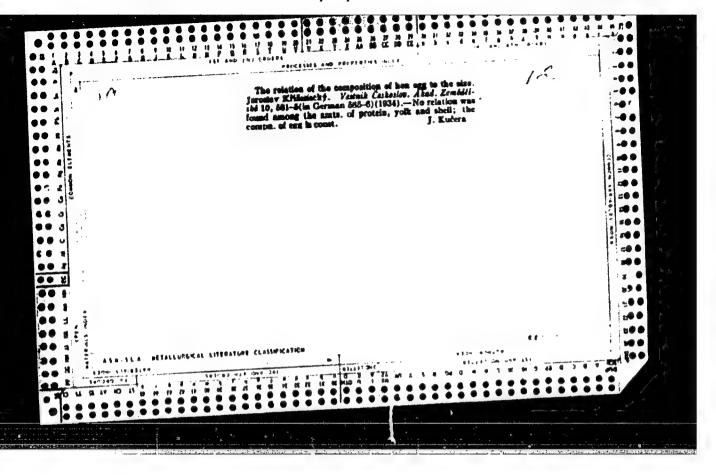
Trade-union ormanisations grew along with the construction project. V pom. profaktivu 14 no.13:38-40 J1 53. (MLRA 6:6)

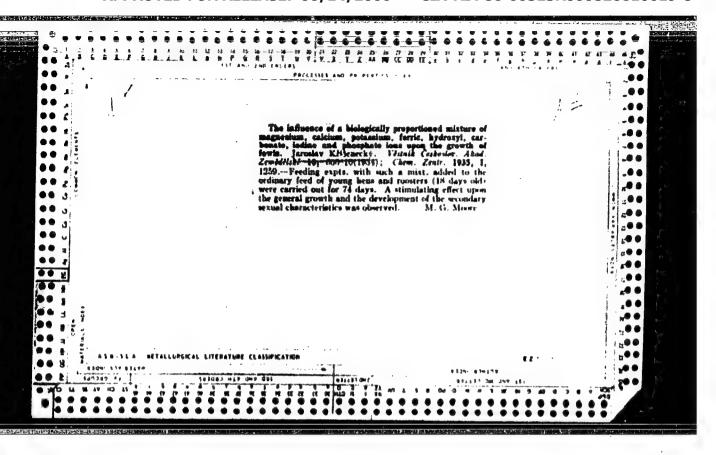
1. Komitet profeoyusa Chekhoslovatskogo metallurgicheskogo kombinata imeni K. Gotval'da. (Kunčice, Gaechoslovakia--Steelworks)

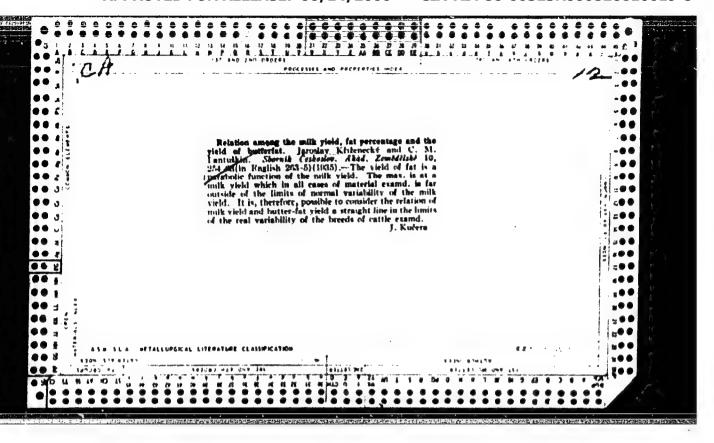


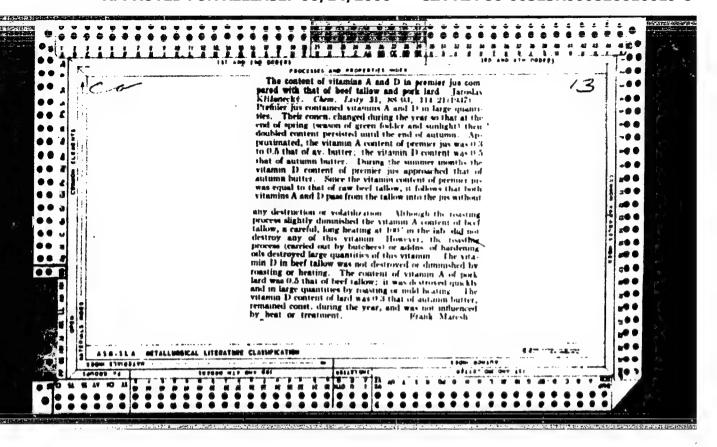






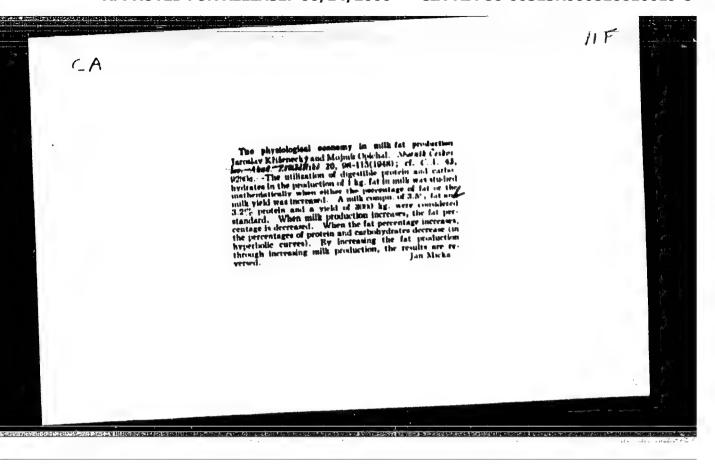


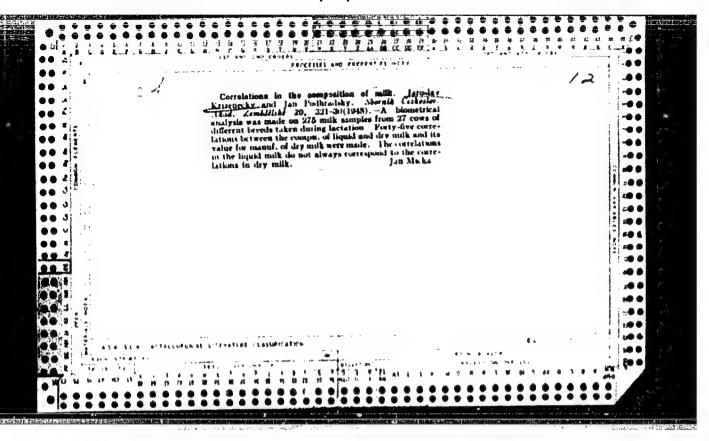




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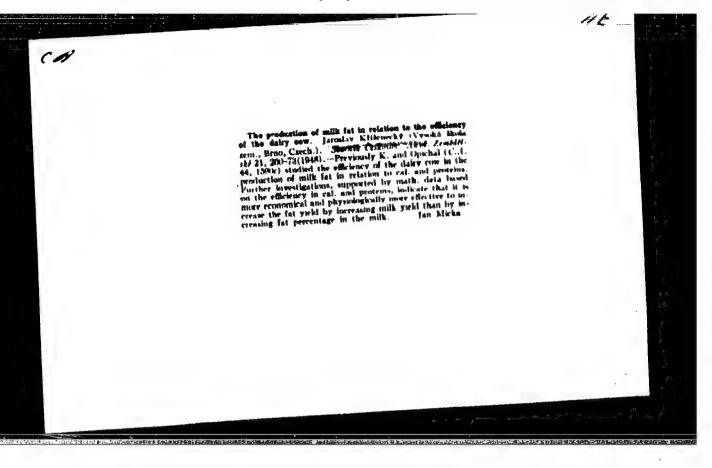
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CIA-RDP86-00513R000826610019-8



Zjistovani oplozenych, neplodnych a neoplozenych vajec pro bilgogickou kontrolu lihnuti. Detection of fertilized, infertile and nonfertilized eggs in biological control of incubation and in testing of convercial eggs. Praha, Ministers'vo potravinarskeho prumyslu, 1955.

112 p. (English summary)

DA Not in DLC

Reference, martif.

COURCE: Fast European Accessions List, Vol. 5, no. 9, September 1956

ERITETECKY, J.; SAJIER, J.; VANCIKOVA, J.

"The case of a hen's egg yolk containing seven embryos."

p. 60 (Biologia, Vol. 13, no. 1, 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 9, September 1958

CAF CHE SEAVANTA

Januslas RECEDERCKY (Affiliation nos stated)

Moderablishment of the Gregor Mendel Department of Generics in the Recavian Indexes in Armo and its Huscologic and Care Progress."

Bratislava, Biologia, Vol 12, Po 12, 1962; pp 967-911.

for many Headel livel in the Augustinian consent in Blue from 1843 to a life death in 1804; it was in the convent garden he did his per and discrepture experiments, published his discoveries first in 1865 in Evan Caturell (a) Society Bollakin. His effects were late, kept in 2 marshas it Arno (convent and German Enteralists) Society). Flans that the very elaborate work on this section of the sureum to be ready for the 1865 concentry International Hendel Symposius in the city.

(1)

KRIZHANIVSKIY, S.M. [Kryzhanivs'kyi, S.M.]

How the intrapharmacy relations are developed. Farmatsev. zhur. 17 no.3:74-76 '62. (MIRA 17:10)

1. Apteka No.4 g. Poltavy.

THE RESIDENCE OF THE PROPERTY OF THE PROPERTY

Krizhanouskoya M.K

Category: USSR/Analytical Chemistry - General Questions.

G-1

Abs Jour: Referat Zhur-Khimiya, No 9, 1957, 30947

Author : Kolbovskiy Yu. Ya., Krizhanovskaya M. K. Inst : Urals Institute of Ferrous Metals

: Effect of Current Intensity on Slope of Calibration Graph. Title

Orig Pub: Zavod. laboratoriya, 1956, 22, No 11, 1334-1335

Abstract: Experiments were carried out with standards of steel of 12-th series, prepared by the Urals Institute of Ferrous Metals. The spectra were excitated in alternating current arc discharge with an operating gap of 2 mm, 10 seconds firing and with 15 seconds exposure. The upper electrode is carbon, the spectrograph is median, current intensity was varied over the range 4-7.5 a. Calibration graphs were plotted in the coordinates lg Ian/Imean, lg C according to analytical lines: Mn 2939.3 -Fe 2926/59, Si 2506.9 - Fe 2507.9, Cr 2677.1 - Fe 2684.75, Ni 3050.8 - Fe 3055.26 A. On increase of current from 4 to 5.5 a the slope of the graphs is decreased. Further increase of cur-

Card : 1/2

-21-

Category: USSR/Analytical Chemistry - General Questions.

G-1

Abs Jour: Referat Zhur-Khimiya, No 9, 1957, 30947

rent intensity does not affect the slope of the graphs. Consequently, on operation according to the method of solid graph it is advantageous to utilize strong currents, while with graphs in \triangle S, lg C coordinates it is more advantageous to use weaker currents.

Card : 2/2

-22-

KOLBOVSKIY, Yu.Ya.; KRIZHAHOVSKAYA, M.K.

Spectral determination of aluminum in alloyed brands of steel by making solutions. Fis. sbor. no. 4:402-403 '58.

(NIRA 12:5)

1. Bikopol'skiy yushnotrubnyy metallurgicheskiy zavod.

(Steel--Analysis)

(Aluminum--Spectra)

KRIZHANOVSKAYA, O.S. [Kryzhanovs'ka, O.S.], assistent

Effect of vitamin concentrates and certain yeasts on the quality of donor's milk. Ped., akush. i gin. 19 no.1:17-20 57. (MIRA 13:1)

1. Kafedra gigiyeny pishchevareniya (zav. - prof. I.P. Barchenko)
Kiyevskogo ordena Trudovogo Krasuogo Znameni meditsinskogo instituta
im. akad. A.A. Bogomol'tsa (direktor - prof. Ye.F. Shamray).

(VITAMINS) (YEAST) (MILK, HUMAN)

KRIZHANOVSKAYA, V.V. [Kryzhanivs'ka, V.V.], kand.med.nauk; VAYNRUB, E.M. [Vainrub, IE.M.], kand.med.nauk; YAKOVENKO, G.I. [IAkovenko, H.I.] kand.med.nauk; PRITALYUK, M.S.[Prytaliuk, M.S.], nauchnyy sotrudnik

Daily schedule and work capacity of fifth-grade pupils in connection with the introduction of polytechnical training. Ped., akush. i gin. 23 no.1:7-10 '61. (MIRA 14:6)

1. Ukrainskiy nauchno-issledovatel'skiy institut kommunal'noy gigiyeny (direktor - doktor med. nauk, prof. D.M.Kalyuzhniy).

(MANUAL TRAINING-HYGIENIC ASPECTS)

(WORK)

133-58-4-17/40

AUTHORS: Tsukanov, E.F., Ivanchenko, F. K. and Molotkov, L.F., Docents, Pavlenko, B. A., Nikolayev, V. A.,

Krizhanovskiy, A. L. and Kokhno, P. Ya., Engineers

TITLE: Investigation of Loads During Rolling Plates (Issledovaniye davleniy pri prokatke listov)

PERIODICAL: Stal', 1958, Nr 4, pp 332-334 (USSR)

ABSTRACT: The measurements of rolling loads endured by rolls in a medium plate mill during rolling plates were carried out. The mill consisted of two stands in line: three rolls (LAUT) for rolling plates and two-rolls for riffling plates. In the three roll mill 670 x 517 x 670 mm for rolling smooth plates cast iron rolls with a chilled surface are used and for riffled plates, forged steel rolls (50 KhG). The length of rolls 1800 mm. In the two roll stand in which only one pass is made for riffling, cast iron rolls of 650 mm diameter with chilled surface are used. The mill is powered with a 900 h.p. motor. Riffled plate was rolled in 10-12 passes and smooth plates in 11-13 passes. Measurements of loads on rolls were carried out during rolling plates (dimensions in Table 1) and the most characteristic results are given Card 1/2 in Table 2. Experimental results are compared in Figs. 1-3.

Investigation of Loads During Rolling Plates 133-58-4-17/40

Conclusions: During intensive reductions in cast iron chilled rolls stresses are formed considerably exceeding the permissible ones. Specific load on rolls 5-6 kg/mm² at the beginning of rolling increases at the end of rolling to 28-30 kg/mm². During rolling on steel rolls the specific load is higher than on rolling on cast iron rolls (due to an increase in friction in the former case). During rolling comparatively thin products (H 33 mm) the maximum specific pressure was observed at reductions of 34-40%. With further increase in reduction the specific load decreases. There are 2 tables, 3 figures and 3 references, all of which are Soviet.

ASSOCIATIONS: Dnepodzerzhinskiy vecherniy metallurgicheskiy institut (Dneprodzerzhinsk: Evening Metallurgical Institute) and zavod im. Dzerzhinskogo (Works imeni Dzerzhinskiy)

1. Rolling mills--Operation 2. Plates--Rolling 3. Rolling mills--Stresses

Card 2/2

KRIZHANOVSKIY, A.S.

Useful and necessary method. Avtom. telem. i svias! 3 no.4:28 Ap 159. (MIRA 12:5)

1. Starshiy elektromekhanik Ventspilsskoy distantsii signalisatsii i svyazi Latviyskoy dorogi.
(Railroads--Signaling)

EWT(m) 24242-66 DIAAP ACC NR. APGO14616 SOURCE CODE: UR/0386/66/003/009/0382/0384 13 AUTHOR: Krizhanskiy, L. M.; Rogozev, B. I.; Popov, G. V. 71 ORG: none B TITLE: On the sign of the change of the charge radius of the Sn¹¹⁹ nucleus SOURCE: Zhurnal eksperimental nov i teoreticheskov fiziki. Pis'ma v redaktsiyu. Prilozheniye, v. 3, no. 9, 1966, 382-384 TOPIC TAGS: Mossbauer effect, line shift, excited state, resonance line, barium titanate, tin, solid solution, paraelectricity, ferroelectricity ABSTRACT: The authors used the nuclear-gamma-resonance spectroscopy method to investigate the behavior of Ba(Ti, Fe)O3 solid solutions in the region of transition from the paraelectric into the ferroelectric state. From an analysis of the data on the temperature dependence of the chemical shift in the absorption spectra of such solid solution in the transition region, and from a comparison with similar data for Ba(Ti, Fe)O3 they have also determined the sign of the change in the charge radius of Sn¹¹⁹. The investigation was made with the apparatus described in a paper by one of the authors (Krizhanskiy, with Ye. M. Kruglov, ZhETF v. 43, 2050, 1962). The source was tin dioxide. The absorber temperature was varied from room temperature to -170C. A plot of the temperature dependence of the chemical shift in the spectra of Ba(Tio.s, Sno.g)03 and Ba(Tio.7, Sno.3)03 shows that at temperatures above -60C and -150C the corresponding solid solutions are in the paraelectric phase. Card 1/2

2

ACC NR. ADG

ACC NR: AP6014616

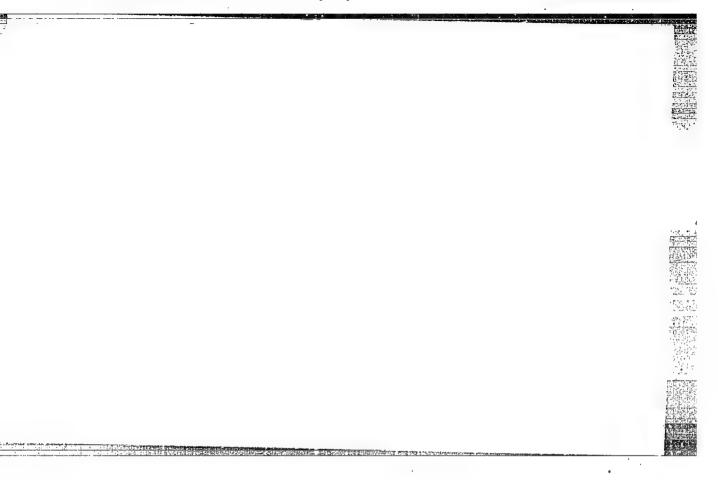
At temperatures -60C and -150C a discontinuity sets in and jumps occur in the value of the chemical shift. These jumps cannot be attributed to the temperature shift and must be interpreted as the consequence of structure (phase) changes in the investigated sample. The change in the chemical shift can be due to distortion of the unit cell and the concomitant change of length and angles of the bonds in the ferroelectric phase transition. It is deduced that during the ferroelectric transition an increase of the electron density occurs also at the Sn¹¹⁹ nucleus. Since the transition from the paraelectric into the ferroelectric phase is accompanied by an increase in the chemical shift of the absorption line, the change in the charge radius is negative, in accord with other published findings. The authors thank V. A. Bokov for providing the samples and for useful discussions, and A. N. Perevedentsev for help with the work. Orig. art. has: 1 figure and 1 formula.

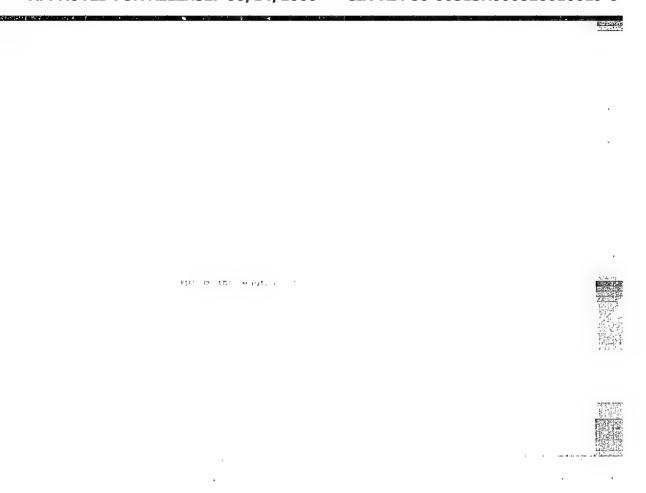
SUB CODE: 20/ SUBN DATE: 05Mar66/ ORIG REF: 003/ OTH REF: 005

Card 2/2 Ma

BANIT, Feofan Gavrilovich; YAKUBOVICH, Boris Isayevich;
VOLNYANSKIY, A.K., inzh., retsenzent; VYBORNYY,
K.R., inzh., retsenzent; KRIZHANOVSKIY, G.S., inzh.,
retsenzent; ZAYCHIKOVA, E.A., red.; GOL*BERG, T.M.,
tekhr. red.

[Operating, repairing, and assembling equipment in building materials plants] Ekspluatatsiia, remont i montazh oborudovaniia zavodov stroitel'nykh materialov. Moskva, Stroitedt, 1964. 234 p. (MIRA 17:3)





KRIZHAMOVS'KIY, O.H.

Determining the fields of value of coefficients of a differential equation on the border of maximum frequencies of natural oscillations in a control system. Dop.AN URSE no.4:328-332 155.(MIRA 9:2)

1. Institut girnichoi spravi imeni M.M.Fedorova AN URSR. Predstaviv diyeniy chlen AN URSR O.Yu.Ishlins'kiy.
(Differential equations) (Automatic control)

KRIZHANOVS'KIY, O.M.; TIMOSHUK, V.V.

Effect of the cable on the quality of transient processes in a system of automatic control for mine hoisting apparatus. Avtomatyka no.1:3-17 '57. (MLRA 10:5)

1. Institut girnichoi spravi im. M.M. Fadorova AN URSR. (Automatic control) (Flasticity)

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05361

SOV/102-59-1-5/12

AUTHORS:

Krizhanovs'kiy, O.M., Vrublevs'kiy, V.Y. and

Soltik, V.Ya.

TITLE:

Peak-Holding Control of the Air Blast to a Crucible

PERIODICAL: Avtomatika, 1959, Nr 1, pp 52-57 (USSR)

ABSTRACT:

The paper deals with the control of the air blast to crude iron remelted in a crucible, the object of the control being to maximize the temperature. Fig 1 illustrates the object of this operation; it shows the strength and size of the residual graphite as a function of temperature (the metal is cast directly from the crucible). Fig 2 shows how the temperature varies with the air flow rate for several different compositions (not given) of the charge. (The parameters in any case vary with time, since the impurities are burned out.) The simple equations on p 54 relate the temperature T to the air flow rate q, and to the derivative U. Fig 3 illustrates an apparatus used to locate and hold the peak temperature, which varies as burning proceeds; the regulator (developed at the Institute of Electrical Engineering, Academy of Sciences UkrSSR) is of stepping type. The five steps of operation are to measure the

Card 1/2

05361 S0V/102-59-1-5/12

Peak-Holding Control of the Air Blast to a Crucible

initial temperature, to store that temperature, to run the servo controlling the blast briefly, to store direction of displacement and finally to compare the new temperature with the previous value. (The instrument is not described fully.) It would appear that the exact parameters of the regulator have yet to be decided from a full-scale experiment. There are 3 figures and 14 Soviet references.

ASSOCIATION: Institut mashinoznavstva AN URSR (Institute of Machine Research AS UkrSSR)

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SUBMITTED: September 20, 1958

Card 2/2

KRIZHANOVSKIY O. N.

16.4000 (1132)

30977 8/102/60/000/004/001/006 D251/D304

AUTHOR:

Kryzhanovs'kyy, O.M., and Soltyk, V.Ya.

TITLE:

On discontinuous extremum control systems with improved dynamic characteristics

PERIODICAL: Avtomatyka, no. 4, 1960, 1 - 12

TEXT: On the basis of the method proposed for improving the dynamic characteristics of continuous extremum systems, described in O.M. Kryzhanovs'kyy's article (Ref. 3: Izv. AN SSSR, OTN Energetika i avtomatika, no. 6, '1959), the authors propose a method for improving the dynamic characteristics of discontinuous extremum systems. The type of impulse filter described in Ya.Z. Shchipkin (Ref. 4: Teoriya impul'snykh sistem (Theory of Impulse Systems) GIFML, M. 1958) makes it possible to obtain the sensitive element of the considered extremum system with improved dynamic properties in the form

 $u_n = \alpha_s Q^*(e^{-D}) \left\{ \frac{M^*(e^{-D}) \Delta y_{n-1}}{\Delta x_{n-1}} \right\}, \tag{17}$

Oard 1/2